

Product datasheet for **RC212982L1V**

RICTOR (NM_152756) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RICTOR (NM_152756) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RICTOR
Synonyms:	AVO3; hAVO3; PIA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_152756
ORF Size:	5124 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212982).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_152756.4 , NP_689969.2
RefSeq Size:	9557 bp
RefSeq ORF:	5127 bp
Locus ID:	253260
UniProt ID:	Q6R327
Cytogenetics:	5p13.1
Protein Pathways:	mTOR signaling pathway
MW:	192.7 kDa



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Gene Summary:

RICTOR and MTOR (FRAP1; MIM 601231) are components of a protein complex that integrates nutrient- and growth factor-derived signals to regulate cell growth (Sarbasov et al., 2004 [PubMed 15268862]).[supplied by OMIM, Mar 2008]